

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

107509753

Applicants: YAMAWAKI, et al.

DT09 Rec'd PCT/PTO 30 SEP 2004

Serial No.: Not yet assigned

Filed: September 30, 2004

For: TRANSMITTER AND WIRELESS COMMUNICATION APPARATUS
USING THE TRANSMITTER

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 30, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

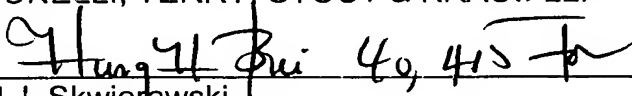
This information disclosure statement is being submitted with the new application.

Although some of the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of relevance is satisfied by the discussion of these documents in the specification, or the attached English language abstracts.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 843.44318X00), and please credit any excess fees to such deposit account.

Respectfully submitted,
ANTONELLI, TERRY, STOUT & KRAUS LLP


Paul J. Skwierawski
Registration No. 32,173

10/509753

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	
		Filing Date	September 30, 2004
		First Named Inventor	Talzo YAMAWAKI
		Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	843.44318X00	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US- 2003/0224740	A1	12/04/2003	TAKANO, et al.	
		US- 2003/0224749	A1	12/04/2003	UOZUMI, et al.	
		US- 2004/0061554	A1	04/01/2004	KAJIWARA, et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		JP 2004-7443		01/08/2004	TAKANO, et al.		Abst
		JP 2004-7445		01/08/2004	TAKANO, et al.		Abst
		JP 2004-120306		04/15/2004	KAJIWARA, et al.		Abst

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/509753		
		Filing Date	September 30, 2004		
		First Named Inventor	Taizo YAMAWAKI		
		Group Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	843.44318X00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		T. YAMAWAKI, et al., "A 2.7-V GSM RF Transceiver IC", IEEE Journal of Solid-State Circuits, Vol. 32, No. 12, December 1997, Pgs. 2089-2096	
		B. RAZAVI, "RF MicroElectronics", Prentice Hall Ptr Press. Pgs. 149-155	
		P. KENINGTON, "High-Linearity RF Amplifier Design", Artech House Press, Pgs. 161-164	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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